

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING** **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/732, 859 A  
Source: IFW16  
Date Processed by STIC: 11/18/2005

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

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- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.2.2 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<**<http://www.uspto.gov/ebs/efs/downloads/documents.htm>**> , **EFS Submission User Manual - ePAVE**)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
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U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05

## Raw Sequence Listing Error Summary

### **SUGGESTED CORRECTION**

**SERIAL NUMBER:**

SERIAL NUMBER: 10/732,859 #

**ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE**

- 1        Wrapped Nucleics      The number/text at the end of each line "wrapped" down to the next line. This may occur if your file  
    Wrapped Aminos      was retrieved in a word processor **after** creating it. Please adjust your right margin to .3; this will  
    prevent "wrapping."
- 2        Invalid Line Length      The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
- 3        Misaligned Amino      The numbering under each 5<sup>th</sup> amino acid is misaligned. Do **not** use tab codes between numbers;  
    Numbering      use **space characters**, instead.
- 4        Non-ASCII      The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. **Please**  
    ensure your subsequent submission is saved in **ASCII text**.
- 5        Variable Length      Sequence(s)        contain n's or Xaa's representing more than one residue. **Per Sequence Rules,**  
    each n or Xaa can only represent a single residue. Please present the **maximum** number of each  
    residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6        PatentIn 2.0      A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid  
    "bug"      sequences(s)       . Normally, PatentIn would automatically generate this section from the  
    previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to  
    the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for**  
    **Artificial or Unknown sequences.**
- 7        Skipped Sequences      Sequence(s)        missing. If intentional, please insert the following lines for **each** skipped sequence:  
    (OLD RULES)      (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
    (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
    (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
    This sequence is intentionally skipped
- Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.
- 8        Skipped Sequences      Sequence(s) 7 missing. If **intentional**, please insert the following lines for **each** skipped sequence.  
    (NEW RULES)      <210> sequence id number  
    <400> sequence id number  
    000
- 9        Use of n's or Xaa's      Use of n's and/or Xaa's have been detected in the Sequence Listing.  
    (NEW RULES)      Per 1.823 of Sequence Rules, use of <220>-<223> is **MANDATORY** if n's or Xaa's are present.  
    In <220> to <223> section, please explain location of **n** or **Xaa**, and which residue **n** or **Xaa** represents.
- 10        Invalid <213>      Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or  
    Response      scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or  
    is Artificial Sequence
- 11        Use of <220>      Sequence(s)        missing the <220> "Feature" and associated numeric identifiers and responses.  
    Use of <220> to <223> is **MANDATORY** if <213> "Organism" response is "Artificial Sequence" or  
    "Unknown." Please explain source of genetic material in <220> to <223> section.  
    (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12        PatentIn 2.0      Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file,  
    "bug"      resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence  
    listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13        Misuse of n/Xaa      "n" can **only** represent a single nucleotide; "Xaa" can **only** represent a single amino acid



IFW16

## RAW SEQUENCE LISTING

DATE: 11/18/2005

PATENT APPLICATION: US/10/732,859A

TIME: 10:02:28

Input Set : A:\10.732859 Sequence Listing (13101.48202).txt

Output Set: N:\CRF4\11182005\J732859A.raw

3 <110> APPLICANT: Turck, Jutta  
 4 Archer, John  
 6 <120> TITLE OF INVENTION: CONTROL OF GENE EXPRESSION IN EUKARYOTES  
 8 <130> FILE REFERENCE: 13101/48202  
 10 <140> CURRENT APPLICATION NUMBER: US 10/732,859A  
 11 <141> CURRENT FILING DATE: 2003-12-09  
 13 <150> PRIOR APPLICATION NUMBER: UK 9828660.2  
 14 <151> PRIOR FILING DATE: 1998-12-24  
 16 <150> PRIOR APPLICATION NUMBER: US 09/469,211  
 17 <151> PRIOR FILING DATE: 1999-12-22  
 19 <160> NUMBER OF SEQ ID NOS: 19  
 21 <170> SOFTWARE: PatentIn version 3.3

Does Not Comply  
 Corrected Diskette Needed

*Cpg 1-2)*

## ERRORED SEQUENCES

E--> 1133 <210> 7 (Insert)  
 E--> 1134 <211>  
 E--> 1135 <212> do not include these in  
 W--> 1136 <213> an intentionally skipped sequences.  
 E--> 1138 <400> See Item # 8 on error summary  
 W--> 1140 000 sheet.  
 OK 1143 <210> SEQ ID NO: 8  
 1275 <210> SEQ ID NO: 19  
 1276 <211> LENGTH: 470  
 1277 <212> TYPE: DNA  
 1278 <213> ORGANISM: Artificial Sequence  
 1280 <220> FEATURE:  
 1281 <223> OTHER INFORMATION: Chimeric promoter  
 1283 <400> SEQUENCE: 19  
 1284 catgcctgca ggtcaacatg gtggagcacg acactctcgt ctactccaag aatatcaaag 60  
 1286 atacagtctc agaagaccag agggctattg agacttttca acaaagggtg atacgggaa 120  
 1288 acctcctcgg attccattgc ccagctatct gtcacttcat cgaaaggaca gtagaaaagg 180  
 1290 aagatggctt ctacaaatgc catcattgcg ataaaggaaa ggctatcgtt caagaatgcc 240  
 1292 tctaccgaca gtggtcccaa agatgtaccc ccacccacga ggaacatcgt ggaaaaagaa 300  
 1294 gacgttccaa ccacgtcttc aaagcaagtg gattgatgtg atatctccac tgacgtaagg 360  
 1296 gatgacgcac aatcccacta tccttcgcaa gacccttctt ctatataagt agcgtctgaa 420  
 1298 ctgacgtct agcattctag ttgaggaagt tcatttcatt tggagaggac 470  
 E--> 1301 2/23  
 E--> 1303 1/23

*pls delete*

<210> 8  
<211> 27  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> OHPR3 → Insufficient Response. Give  
Source of Genetic Material  
<400> 8 See Item # 11 on Error  
atcgaattcg gatccatgac caccacc Summary Sheet.

Above is the sample  
of the similarly errored  
Responses.

## VERIFICATION SUMMARY

DATE: 11/18/2005

PATENT APPLICATION: US/10/732,859A

TIME: 10:02:29

Input Set : A:\10.732859 Sequence Listing (13101.48202).txt

Output Set: N:\CRF4\11182005\J732859A.raw

L:1133 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQ ID NO  
L:1134 M:210 E: (40) Invalid Number of Sequences, LENGTH:  
L:1135 M:310 E: (3) Wrong or Missing Sequence Type, numeric identifier <212>, for SEQ ID#:0  
L:1136 M:201 W: Mandatory field data missing, <213> ORGANISM  
L:1138 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:0 differs:7  
L:1140 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (7) SEQUENCE:  
L:1143 M:216 E: (34) Seq.#s missing, SEQ ID NOS: 1 thru 7  
L:1301 M:254 E: No. of Bases conflict, LENGTH:Input:23 Counted:471 SEQ:19  
L:1301 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:2  
L:1303 M:254 E: No. of Bases conflict, LENGTH:Input:23 Counted:472 SEQ:19  
L:1303 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:2  
L:1303 M:252 E: No. of Seq. differs, <211> LENGTH:Input:470 Found:472 SEQ:19